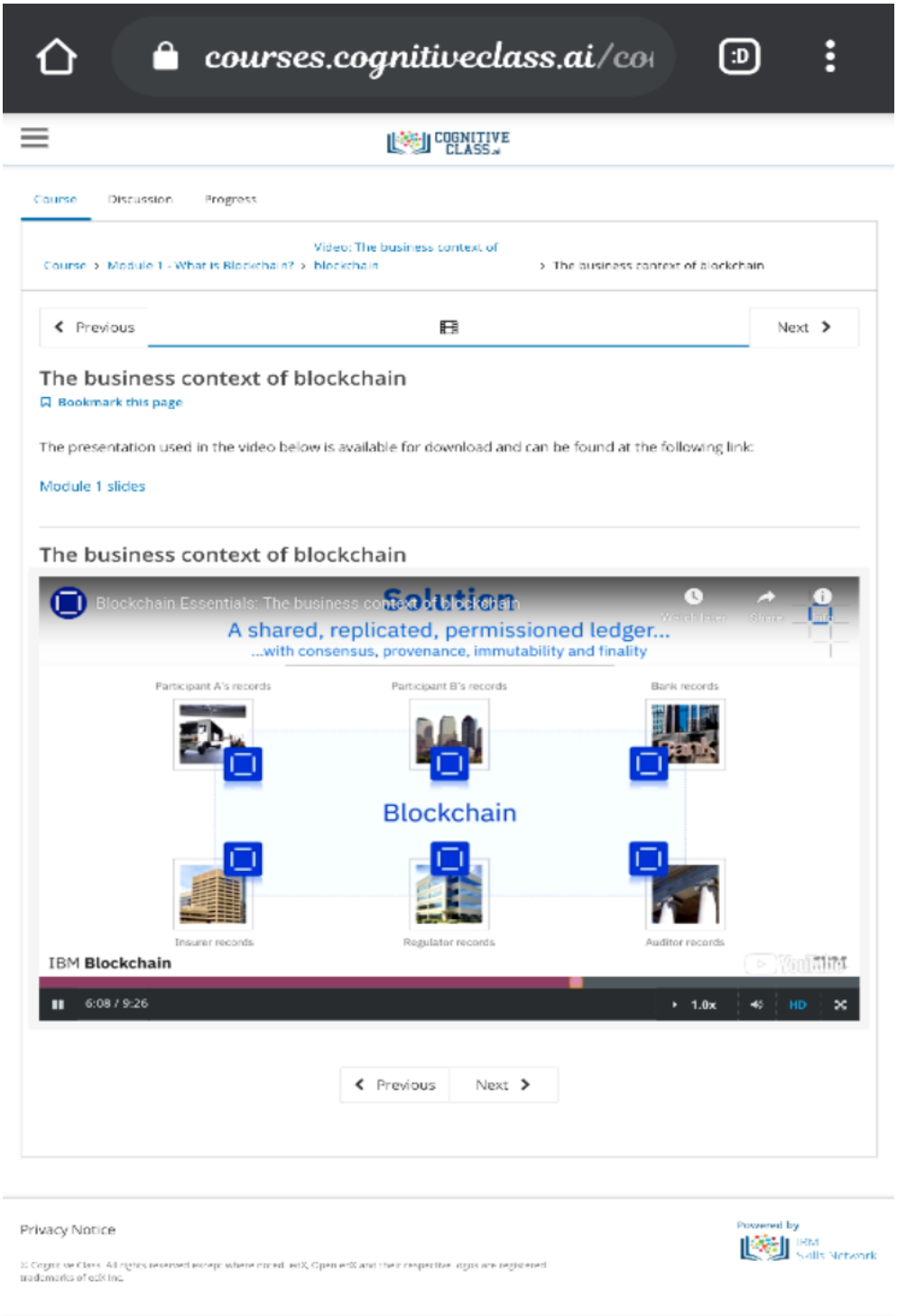
DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/06/20	Name:	Shetty Sonali
Sem & Sec	8th sem, b sec	USN:	4AL16CS123
Online Test Summary			
Subject	Not conducted		
Max. Marks		Score	
Certification Course Summary			
Course	Block chain essentials		
Certificate Provider	Ibm	Duration	3 hours
Coding Challenges			
Problem Statement: Java program to find duplicate characters in a string			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		SONALISHETTY	
Uploaded the report in slack		Yes	

Online Test Details: Not conducted

Certification Course Details:



Coding Challenges :

```
import java.util.HashMap;
import java.util.Map;
import java.util.Set;

public class Details {

  public void countDupChars(String str){

    //Create a HashMap
    Map<Character, Integer> map = new HashMap<Character, Integer>();

    //Convert the String to char array
    char[] chars = str.toCharArray();

    /* logic: char are inserted as keys and their count
     * as values. If map contains the char already then
     * increase the value by 1
     */
    for(Character ch:chars){
      if(map.containsKey(ch)){
        map.put(ch, map.get(ch)+1);
      } else {
```

```
      map.put(ch, 1);
     }
   }

   //Obtaining set of keys
   Set<Character> keys = map.keySet();

   /* Display count of chars if it is
    * greater than 1. All duplicate chars would be
    * having value greater than 1.
    */
   for(Character ch:keys){
    if(map.get(ch) > 1){
     System.out.println("Char "+ch+" "+map.get(ch));
    }
   }
}

public static void main(String a[]){
   Details obj = new Details();
   System.out.println("String: BeginnersBook.com");
   System.out.println("-------------------------");
   obj.countDupChars("BeginnersBook.com");
```

```
    System.out.println("\nString: ChaitanyaSingh");
    System.out.println("-------------------------");
    obj.countDupChars("ChaitanyaSingh");

    System.out.println("\nString: #@$@!#$%!!%@");
    System.out.println("-------------------------");
    obj.countDupChars("#@$@!#$%!!%@");
  }
}
```